

ABSTRACT OF THE DISCLOSURE

A mechanism for deflecting a headlamp optical axis comprises a connecting lever, a bracket, a stepping motor, a front end plate, and a traveling block. The bracket is attached to an outside frame constituting an automotive vehicle body, and the stepping motor is attached to the bracket in a horizontally movable manner. The stepping motor has a rotary shaft which has a screw formed thereon and engaging threadedly with the traveling block. The connecting lever is attached to the outside frame in a horizontally movable manner. In the mechanism structured above, when the rotary shaft rotates, the traveling block is caused to travel along the rotary shaft thereby causing the both ends of the connecting lever to move in respective arc paths, whereby an optical axis of a headlamp attached to one of the both ends of the connecting lever is deflected.